Using GitHub Professionally

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Outline

Github?

Why should care?

How do I use GitHub?

How do I make a good profile?

Nork with it

- 1 What is Github?
- 2 Why should I care?
- 3 How do I use GitHub?
- 4 How do I make a good profile?
- Work with it!

What is Github?

Why should care?

GitHub?

How do I make a good profile?

Work with it

What is Git?

- Code repository
- Version control system
- A tool for development

- The largest Git server in the world
- Showcase of your skills and abilities
- History of activity
- Collaboration

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Paradox of Experience

Github?
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Your resume summarizes your experience, your GitHub proves it

Industry wants experience, but won't hire inexperienced peopl To resolve this, you need your own experience Work on problems, already solved or not, and record the process!

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Setting Expectations

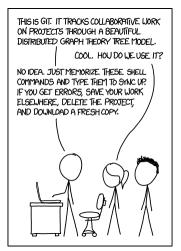
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On GitHub, your work is organized into repositories, or "repos".

When you start a new project, you start a new repo

- In-browser
- GitHub Desktop
- Command line

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Branches

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Work with i

GitHub lets you create "branches" on your project

To begin with, you work with the "master" branch Branches start out identical to what they branched from

Push to master?

Branches

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How do I use GitHub? Merging

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You can work as long as you want on any particular branch

When you want to move your changes to another branch, you "merge"

This is sometimes simple, and sometimes complex

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Forking and pull requests

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GitHub loves open source, so anyone can contribute to pretty much anything!

If you want to contribute to a project, here's the workflow:

- Fork
- Branch
- Work
- Pull request

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Contribution History

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Your GitHub account tracks your contribution history

Having a long and consistent contribution history is valuable One very good thing you can do for your profile is to consistently work on things!

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Work with it

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- Contact information
 - Biography
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Repositories

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Your repositories all should have a README.md

Having nice READMEs demonstrates that you can keep good documentation.

You can have up to 6 of your public repositories pinned on your profile.

- Projects emphasizing your skills
- Projects you're proud of
- Popular repositories

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Don't include more non-professional information than necessary

This accomplishes two things:

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GitHub has a secret feature on a repo with your username The README will be on your profile, giving you some more flexibility

Uses Markdown, the same as any other repository

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 $Thanks \ for \ your \ attention!$